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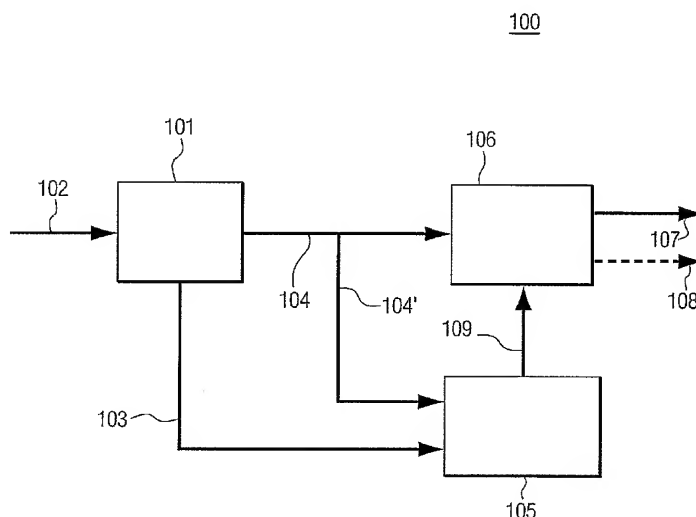
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(54) **Title:** RINGING ARTIFACT REDUCTION FOR COMPRESSED VIDEO APPLICATIONS



(57) **Abstract:** A method of reducing ringing artifacts in a compressed digital video signal includes decoding the coded video signal; determining plurality of metric values in a region near at least one pixel, wherein the metric values are greater than a particular value; and applying a deringing method to substantially reduce ringing artifacts near the pixel. An apparatus for selectively deringing a compressed digital video signal includes a decoding device, a metric calculation device and a metric-controlled deringing device, wherein the deringing device reduces ringing artifacts in certain regions of a video frame based on data from the metric calculation device. In accordance with another example embodiment, the metric-controlled deringing device updates the metric data of the frame based on the deringing.

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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations* AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ,

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